	Application No.	Applicant(s)
Notice of Allowability	10/727,659	JANG ET AL.
	Examiner	Art Unit	
	Roberta Prendergast	2628	

*-- The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *12/20/2006*.

2. ☒ The allowed claim(s) is/are *1-23 and 29-39*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☒ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Nicole Dretar on 1/17/2007.

The application has been amended as follows:

Claim 35, line 2, replace the phrase ",the method comprising:" with the phrase

",the system comprising:".

Claims 36-39, lines 1, replace the phrase, "The system of claim 30," with "The

system of claim 35,".

The following is an examiner's statement of reasons for allowance:

Regarding claims 1-4, 16 and 18-19, cited prior art does not teach a system,

method and computer readable recording medium for generating an input file using a

meta language regarding graphics data compression comprising the step of making an

extensible markup language (XML) schema which defines at least a compression node

describing object data to be compressed and parameters used for data compression;

making style sheets which supports conversion of an input XML file into a file, which is

to be input to a data compression encoder, based on the XML schema; generating the

file, which is to be input to the data compression encoder, by parsing the input XML file

based on the XML schema and the style sheets; and inputting the generated file and to

the data compression encoder to generate an encoded bitstream of compressed

graphics data;

Regarding claims 5-15, 17, 20-23, cited prior art does not teach a system,

method and computer readable recording medium for generating an input file using a

meta language regarding graphics data compression comprising the step of making an

XMT schema which defines a compression node describing object data to be

compressed, parameters for data compression, and BitWrapperEncodingHints which at

least specifies a location of a file in which the object data to be compressed is stored;

making an XMT2BIFS style sheet which supports conversion of an XMT input file into a

scene file and an XMT2MUX style sheet which supports conversion of the XMT input

file into a mux file, based on the XMT schema; generating the scene file and the mux

file by parsing the input XMT file using the XMT schema and the XMT2BIFS and

XMT2MUX style sheets; and inputting the generated scene file and mux file to a data

compression encoder to generate an encoded bitstream of compressed graphics data;

Regarding claim 29, cited prior art does not teach making an extensible MPEG-4

textual format (XMT) schema which defines a compression node describing object data

to be compressed, parameters for data compression, and BitWrapperEncodingHints

which at least specifies a location of a file in which the object data to be compressed is

stored; receiving an XMT input file; generating a file to be input to a data compression

encoder by parsing the input XMT file using information including the XMT schema; and

inputting the generated file to the data compression encoder to generate an encoded

bitstream of compressed graphics data; .

Regarding claim 30, cited prior art does not teach making an extensible MPEG-4

textual format (XMT) schema which defines a compression node describing object data

to be compressed, parameters for data compression, and BitWrapperEncodingHints

which at least specifies a location of a file in which the object data to be compressed is

stored; receiving an XMT input file; generating a file to be input to a data compression

encoder by parsing the input XMT file using information including the XMT schema; and

if the compression node of the XMT input file contains information about already-

compressed object data and a buffer temporarily storing the already-compressed object

data, transmitting a bitstream of compressed graphics data that is a representation of

the already-compressed object data by using the buffer;

Regarding claim 31, cited prior art does not teach making an extensible MPEG-4

textual format (XMT) schema which defines a compression node describing object data

to be compressed, parameters for data compression, and BitWrapperEncodingHints

which at least specifies a location of a file in which the object data to be compressed is

stored; receiving an XMT input file; generating a file to be input to a data compression

encoder by parsing the input XMT file using information including the XMT schema; and

if the compression node of the XMT input file contains information about already-

compressed object data and a URL which links information regarding the already-

compressed object data, transmitting a bitstream of compressed graphics data that is a

representation of the already-compressed object data by using the URL;

Regarding claim 32, cited prior art does not teach making an extensible MPEG-4

textual format (XMT) schema which defines a compression node describing object data

to be compressed, parameters for data compression, and BitWrapperEncodingHints

which at least specifies a location of a file in which the object data to be compressed is

stored; receiving an XMT input file; generating a file to be input to a data compression

encoder by parsing the input XMT file using information including the XMT schema; and

if the compression node of the XMT input file contains information about original data,

compression parameters and a buffer, transmitting a bitstream of compressed graphics

data by using the buffer, wherein the bitstream is obtained by compressing the original

data using the compression parameters;

Regarding claim 33, cited prior art does not teach making an extensible MPEG-4

textual format (XMT) schema which defines a compression node describing object data

to be compressed, parameters for data compression, and BitWrapperEncodingHints

which at least specifies a location of a file in which the object data to be compressed is

stored; receiving an XMT input file; generating a file to be input to a data compression

encoder by parsing the input XMT file using information including the XMT schema; and

if the compression node of the XMT input file contains information about original data,

compression parameters, and a URL, transmitting a bitstream of compressed graphics

data by using the URL, wherein the bitstream is obtained by compressing the original

data using the compression parameters;

Regarding claim 34, cited prior art does not teach a method of generating an

extensible MPEG-4 textual format (XMT) schema for use in meta representation of

graphics data compression comprising: defining a compression node which includes

information regarding object data to be compressed; defining an encoding parameter

required for data compression; defining BitWrapperEncodingHints which at least

specifies a location of a file in which the object data to be compressed is stored; and

storing the compression node, the encoding parameter, and the

BitWrapperEncodingHints as the XMT schema;

Regarding claims 35-39, cited prior art does not teach a system of generating an

input file using meta representation of graphics data compression comprising: a

processing unit which provides an extensible MPEG-4 textual format (XMT) schema for

defining a compression node describing object data to be compressed, parameters for

data compression, and BitWrapperEncodingHints which at least specifies a location of a

file in which the object data to be compressed is stored; and an XMT parser which

generates a file to be input to a data compression encoder by parsing an input XMT file

using information including the XMT schema.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Roberta Prendergast whose telephone number is (571) 272-7647. The examiner can normally be reached on M-F 7:00-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached on (571) 272-7782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

RP 1/17/2007

ULKA CHAUHAN
SUPERVISORY PATENT EXAMINER